Index of Claims

Application/Control N	0
-----------------------	---

09/030,832

Examiner

Robert Landsman

Applicant(s)/Patent under Reexamination

HANNA ET AL.

Art Unit

1647

ĺ	√	Rejected
	=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

_		_									_					• •										_					
Cli	aim	╀	_	_		₽	ate				_	CI	aim	\perp				Da	ite]	CI	aim	I				Da	te
Final	Original											Final	Original	10,00,0	9/23/02							-		Final	Original	6/23/05	2000				
	0			I							7		5	\dagger	+	\top	+	†	╁	十	\dagger	╁	4	<u> </u>	101	ا ر	7	╁	╅	+	╁
	1			$oxed{T}$		Ι	\Box						5 2 2	T			1	1	\top	7	1	1	1		102	H	+	+	+	+	$^{+}$
	3	┸	L	1		┸		\perp	_	\perp	╛		53	L	$oxed{T}$								٦		103	П	T	1	T	1	1
<u> </u>	4	<u> </u>		1	_	1	\perp		_	\perp			54	I			\perp		Τ						104	П		T	\top	\top	\top
ļ	- 5	-	╄	4	_	\perp	4	4	4	\perp	4		\$ 5	L	\perp			\perp]		105	\Box			\top	T	1
	\$	-	╄	+	4	4	4	4	4	_	4	<u></u>	\$ 6	<u> </u>	┸	4_	<u>'</u>	Ц.	┸	\perp]		106	П				\perp	Τ
	1	⊬	╀	+	+	+	-	4	+	+	4		\$ 7	╀	4	┸	┸	┸	_	\perp	\perp	┸	1		107	Ц	L		\perp	oxdot	Ι
\vdash	7	├	╄	╀	+	+	+		4	+	4		58	╀	4	4	_	┸	┸	4	4	\perp	1	L	108	Ц	L	┙		L	
-	9 10	╁	╁	+	+-	╀	+-	+	+	+	4	<u> </u>	59	┺	4	4	4	\bot	+	4	4	_	4		109	Ц	┸	_	\perp	_	
	1/1	╁	╁	╁	╁	+	╫	+	+	+	┥	<u> </u>	€0 €1	╀	+	+	+	╀	+	+-	+	+-	4		110	Ц	1	4	1	丄	上
\vdash	12	┢	⊢	╁	╁	+	╁	+	+	╅	-	 	62	╁	+	┿	╁	+-	+	+-	+	╀	4	<u> </u>	111	Ц	+	4	+	丄	ــــــــــــــــــــــــــــــــــــــ
	13	1	\vdash	+	╁	+	╁	+	+	+	1	 -	63	╁	+	╁	+	+-	╁	╁	+	╁	-	<u> </u>	112	Н	╄	+	+	∔-	╄
	14	 	\vdash	┿	+	+	╅	+	+	╁	-		64	╁	╁	╁	╁	╀	╁	┿	╁	╁	-	 	113	+	╀	+	╁	\vdash	╄
	15		Ħ	✝	十	+	+	╁	+	+	1	-	5 68	╁	╅	╁╴	╁	+-	╁	+-	╁	╀╌	-		115	+	╁	+-	+	╀	╄
	16	T	-	T	+	+	\top	+	+	╅	1		66	┢	+	╁	╁	╁	+-	+	+	╁┈	┨	\vdash	116	+	╁	╁	╁	╁	╁
	17	Т		T	1	T	+	十	+	1-	1		1	t	╅	+-	+	+-	╁	╁╴	╁	╁╌	┨.		117	+	╀	╁	+	┼	⊢
	1β				1	T	1	1	\top	†	1		d 8	T	+	╁	+	+-	╆	+	╁	╁	1		118	+	╁	┿	╁╌	┼	╁─
	19			Γ	T	1	1	1	\top	✝	1		69	 	\dagger	十	t	╅╴	+	╁	+	+	1		119	+	╁╴	╁	╁	╆	⊢
	20				Т	Т	1	┪	丅		1 1		70	Г	+	1	1	1-	1	†	\vdash	┢	1.		120	+	┢	┿	╁	\vdash	⊢
	21				L					Τ.]		71	Г	T	\top	1	T	┢	\top	T	1	1	-	121	$^{+}$	+-	+	╁╴	╁╌	┢
	22 23			<u> </u>		L				L]		72	Г	T	Т				Ť		1	1		122	t	┢	+	†	一	\vdash
\vdash	<u> 23</u>		_	┖	$oldsymbol{\perp}$	┸	L	\perp	\perp	_] [73							Т	T		1		123	†	T	\top		T	
<u> - </u>	<u> 44</u>			↓_	↓_	┸	╄	┸	\bot	1	1 1		74		L		L								124	1			\top	\Box	$\overline{}$
$\vdash \dashv$	40			ļ_	_	-	4	+-	\bot	4_	1		75		\perp	_									125	T		Т			
\vdash	24 25 25 27 28 29 27 28 29	-		-	1	┼-	+	╀	+	+-			76 77			<u> </u>	<u> </u>	_	_	_					126				Ι		
\vdash	4/			ļ	╀	╀	╀	+	┿	╀			77	_	_	_	L	<u> </u>	ļ.,	\perp	<u> </u>				127	\perp					
	\$ -	\dashv	_	⊢	╀	╁	╁	+-	╀	+			78	_	┼	┞-	_	ļ	┞	_	<u> </u>				128	L					
-	35	\dashv		├	╁	╀	+	╁	┿	+-	┨		79 80		╀	┼	<u> </u>	<u> </u>	ļ	┞	_	L_			129	L	L	L	<u>L</u>		
\vdash	31	\dashv		├	╁	╁╌	╁	┿	+	╁	1 }		80		┼	├	<u> </u>	<u> </u>	<u> </u>	╙	<u> </u>	<u> </u>			130	\perp	L.	_	L		
$\vdash \vdash$	32	-	_	┝	╁╌	╁	+	╁	╁	╂	1		81 82		+-	╁	┢	├-	<u> </u>	╀	<u> </u>		١,		131	Ц	_	<u> </u>	L	Ш	_
	3B	\dashv	_	-	├	\vdash	╁	+	╁	╁╌	1 1		83		╁	├-	-	├-	⊢	├-	├	-			132	L		╙	<u> </u>	Ш	_
	34	-			1	t	+	+	+	+	1 }	\dashv	<u> 8</u> 4		-	-	\vdash	-	├	╁	\vdash	<u> </u>			133	Н	<u> </u>	╄	<u> </u>	\square	
	35	.		-	T	\vdash	T	+	†	\top	1 }	_	84 85		1	\vdash	├-	\vdash	\vdash	╁	\vdash	-		-+	134 135	Н	_	+-	<u> </u>	\vdash	
	36	\dashv			Г	Γ	1	T	\top	T	1		86		+		-	\vdash	├─	-	\vdash	\vdash	-		136	Н	_	-	\vdash		
	37						Г		T			_	8 7	_	†	\vdash	 -	_	 	\vdash	+-				137	Н		┼-	\vdash	\vdash	_
	3 B							I	Ι	\Box			88		T -	Г	\vdash	\vdash	\vdash	\vdash	<u> </u>				138	H		 	\vdash	\dashv	_
	39	\Box					\Box						89		1			Г		T			 	\dashv	139	H	_	\vdash		\dashv	_
$\vdash \bot$	40	\perp	_				\perp	\perp					9 0 9 1	_						Г		\neg	l		140	Н		\vdash	H	\dashv	
 	41	_	_		_	<u> </u>	_	1	<u> </u>				91										Ī		141	H			\vdash	\dashv	-
	42	\downarrow	_		<u> </u>	_	⊢	1	1_	_			92 93												142	П			H	\dashv	
	43 44	\dashv	-		<u> </u>	<u> </u>	_	1	\vdash	<u> </u>			9β.		L										143		_		П	7	\exists
-	4	-	-	_	L	<u> </u>	⊢	↓_	_	ļ	_		94		_									. 1	144	\prod				7	ᄀ
	45	╌┼	+	_	Н	<u> </u>	├-		\vdash	<u> </u>			95	√	<u> </u>	Ш									145						
	46 47	+	\dashv	-	Н		├-	-	├_	<u> </u>	-		96	L	<u> </u>		_	_	_	Ш	\Box			[146	\coprod				╛	
-+	<u> </u>	+	\dashv	\dashv	\vdash	-	ŀ	╀	├	H	-		97	\vdash	<u> </u>		_		_						147 ^	٧				\Box	
	48 49 50	\dashv	\dashv	\dashv	\dashv	_	\vdash	-	\vdash	\vdash	- }-		98. 99	╀	Щ			_	_	_	\Box	_	L	<u> </u>	148 149	4					\Box
- +	55	+	+	\dashv	-	_	 	\vdash	+	\vdash	-	- .	100	₽,	Н			{	_	_	_	_	L	<u> </u>	149	4				\dashv	$ \bot $
	<u>-r (</u>							1	ш.	1 1	L	- 1	i OO I ,	v				- 1		- 1	- 1	- 1		1.	15b	- 1	- 1	ıl	- 1	- 1	- [

Index	of	Claims	(conti	nued



Application/Control No.

09/030,832 Examiner

Robert Landsman

Applicant(s)/Patent under Reexamination

HANNA ET AL.

Art Unit

1647

√	Rejected
=	Allowed

1	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

		L	Ц.				_			L	
	Claim	Т		_		_	Da	te			
\vdash		+-	Т	Т	7		T	Ť	Т	\neg	\top
<u> </u>	Original	6/23/DE	3		- 1		l				
Final	į	23	3								
-	ĪŌ	14	١		١		ļ	1	ı	1	
	151	Η,	7	╅	7		t	╁	+	+	+-
	152	1 1	+	7	┪		t	+	+	\dagger	\top
	152 153	3	\top	7	T		T	T	T	T	†
	154		\top	+	7		H	+	\top	✝	+
	155	5		1	7			\top	1	┪	
	156	3 I	П	Т	7		İ	T	┰		\top
	157	7			T			T	1	T	1
	158	3			Π			Т			
	159			\perp	Ţ			\perp	Т	Т	
	160		\perp	\perp					\perp		
<u></u>	161	\perp	\perp	L	\perp	_	L	L			L
<u> </u>	162	4	╀	1.	1	_		L			1
\vdash	163 164	4	1	\downarrow	1		L	\perp	L	_	
	164	1	1	4	4		_	L	\perp	_	╀-
	165	4	╀	+	4			╄	╀	4_	↓
	166 167	+	-	╁	+	-	_	ļ.,	+	1	┼
-	168	╄	╀	╁	+	_		╁	+-	+	+-
-	169	╁	╁	╁	+	-	_	+	╀	╁	+-
<u> </u>	170	╁	╀╌	╁	+	-		╁╌	╫	+	╁
\vdash	171	╁	╁╴	╁	+	{	_	╁╌	╁	╁	┿
-	172	╁	╁	╁	+	-		-	╁	╁	╁
\vdash	173	t^-	t	T	\dagger	┪	_	\vdash	+	+	\vdash
	174		t	十	†	┪		┢	+	t	\dagger
	174 175		Π	T	†	7		1	✝	\top	╁
	176			1	T			T			
	177				Ι						l
<u> </u>	178	L			\perp						
	179	L_	L		L						
<u> </u>	180	_	<u> </u>	\perp	1	_					
	181		<u> </u>	_	┸	4	_	_	L	L	
	182	<u> </u>	L	_	┸	4		L	<u> </u>	_	
	183	 	_	├	╀	4		L.	L	Ļ.,	L,
<u> </u>	184	\vdash	-	┞	╀	4		<u> </u>	 	₩.	Ш
 	185 186		H	-	╀	+	<u>.</u>	<u> </u>	-	-	\vdash
	187	├	-	╀	╀	+	-	<u> </u>	-	├-	\vdash
<u> </u>	188	-	-	\vdash	╁	+	_		-	\vdash	\vdash
 	189		-	\vdash	╁	+		-	-	\vdash	╁┤
	190	\vdash	-	t	t	+		_	-	\vdash	$\vdash \dashv$
	191	H	-	\vdash	T	+			\vdash		\vdash
	192			T	†	+	7	_	-	\vdash	H
	193		_	Г	T	1	\neg				Н
	194				1	1	\exists		Т		Н
	195				l	_†		_			Н
	196			Ĺ	Γ	I					
	197					\prod					
	198	\Box			Ĺ	I	\Box				
	199	_			L	\perp	\Box				
	200	- 1			1	1					

Г	'laim	Т	_	_		-		D:	ıto.			
-	Claim		Date									
-	la E	1	1									
Final	Original		1	٠		ı				1		
"	Ŏ	l	1		l				1	1	1	
\vdash	201	╁	╁		╁╴	┥		+	┿	┿	+	+
\vdash	202	H	+	-	+	\dashv		╁	+	+	+	╁
—	203	H	$^{+}$	_	╁	┪		╁	+	+	+	+
\vdash	204	H	+		╁	┪	-	╁	╅	+	+	+
-	205	\vdash	+	_	╁╴	+		+	╁	╁	+	╁
\vdash	206	t	†	_	╁	┪		╁	+	+	+	╁
	207	H	†	_	╁	+	-	╁	+	╁	┿	+
	208		t	-	╁	†		╁	+	+	+	+
	209	 	†		┢	+		t	╁	╅	+	╁
—	210	┢	t	_	H	+		t	+	+	+	+-
	211	H	†	_	T	+	_	$^{+}$	╁	+	十	╁
-	212	_	t		† -	†	_	t	十	+	+-	+
ļ. —	213		t		\vdash	†		\vdash	┿	+	+	+
	214	-	t		H	†		t	†-	+	+	+
	215	-	t		1	†	_	T	╁	+	╁	╅
	216	-	T		T	†	_	T	†	†	+	\top
	217		t			Ť		T	╈	†	十	+
	218		T			Ť		1	1	1	\top	+
	219		T			Ť			1	1	1	\top
	220		T			T		T	T	1	十	1
	220 221		T			Ť				\top	†	T
	222		Τ			T			T	1	1	T
	223 224		Γ			Γ			T	T	1	T
	224		Ι			Ι			Τ	Т	\top	1
L	225					Ι			Γ			
L	226 227		L			L				\mathbb{L}		L
	227		L			L			\Box			
	228		L			L						L
	229		L			L				L		
	230		L	_		Ļ			_	\perp		
-	231		L	4		L		L	╙	<u> </u>	_	<u> </u>
	232		L	_	_	L		<u> </u>	<u> </u>	↓_	_	<u> </u>
	233	_	L	4	_	L		_	<u> </u>	上		L
	234		L	4	_	Ļ		L.	<u> </u>	<u> </u>	1	↓_
	235		L	4	_	L			<u> </u>	<u> </u>	\perp	<u> </u>
<u> </u>	236		L	4		L	_		ļ	<u> </u>	ot	L
	237 238	_	_	4	_	L			<u> </u>	ㄴ	ļ.,	
<u> </u>	238	_	L	4	_	L			\vdash	<u> </u>		_
	239		_	4	_	L	4		_	┡	╙	<u> </u>
	240		_	4		L	4		_	<u> </u>	_	╙
 	241		_	4		L	4		-	├-	├	├-
├	242	-		4		L			_	<u> </u>	Н—	<u> </u>
	243			+	_	\vdash	4		⊢	-	├	—
	245	\dashv	-	+	-	┝	4		⊢	-	+	
	245	-	_	+	-	-	\dashv		<u> </u>	-	├-	<u> </u>
	247	-	_	+	-	\vdash	+		├-	-	\vdash	⊢
	248	┪	_	+	_	H	\dashv	_	 	⊢	⊢	
L	249	+	_	+	-	۲	+	_	<u> </u>	├-	 	<u> </u>
	273	_	_	4	_	Ц.	_		L			L

250

Claim			Date								
		╁	Т	Т	Т	Ť	Ť	Ŧ	Τ	T	
<u> </u>	Original					1		ł			
Final	臣	1	-	-	ł			1			
L	l			1						1	
	251		I	\perp		T					
	252	\perp	1	\perp	\perp		\perp				
	253	↓_	\perp	┵	\perp	┸	┸	\perp		1	
	254 255	_	\downarrow	4	4	4	4	\perp	1		
	255	╁	+	\perp	-	\perp	\perp	_	\bot	\perp	
	256	1	+	+-	-	+	+	+	+-	44	
	257 258	╀	+	╁	+	┿	+	+	╁	+	
	259	╁┈	╀	+	+-	+	+-	+	╀	+1	
_	260	+	+	+	╁	╁	-	-	+	-	
	261	╁	╁	+	+	+	+	+	╁	+	
_	262	╁	╁	╁	╁	╁	+	+-	+	╂	
	263	+	╁	╁	╁	┰	╁	╅	+	╁┼	
	264	T	t	\top	\top	+	+	+-	+	\vdash	
	265	T	1	1	+	1	†	+	T		
	266	1	T		1	1	\top	1	T	\vdash	
	267		T	1		1	\top	1	T	\Box	
	268	<u>L.</u>		$oxed{\Box}$			T	Т	T	П	
	269					\perp					
	270 271	_	L	L	L	\perp	\perp	L			
	271	_	╙	퇶	<u> </u>	_	↓				
_	272	ļ	╙	↓_	_	1_	\perp	\perp	┖	\perp	
\rightarrow	273 274	<u> </u>	_	┼	\bot	╀-	\bot	_	╄	\sqcup	
	275	-	Ͱ	╀	\perp	┼	+	╀	╄-	Ш	
	275 276	 -	-	╀	╀	┼-		+-	-	Н	
	277	⊢	╁	╁╌	╁	╁╴	+	╁	+	\vdash	
	278	\vdash	╁	╁╌	╫	┼	╁	╁	╁	Н	
	279		-	+	┿	+	+	+	╁	\vdash \dashv	
_	280		┢	\vdash	+	╁	╁	+-	╁	\vdash	
$\neg \uparrow$	281			1	╁╴	t	†-	T	┢╌	Н	
	282		Ì		1		1	T		Ħ	
	283							П		П	
	284										
	285			╙		<u> </u>	┸	L	L	Ш	
	286		_	┖	<u> </u>	↓_	_	_	Ļ	Ш	
	287		_	⊢	ــــــــــــــــــــــــــــــــــــــ	┞	↓_	 	<u> </u>	Ш	
	288		L	 	⊢	├_	┼-	-	<u> </u>	Ш	
\dashv	289 290			⊢	 	╀	├	-	-	Н	
\dashv	291	_	-	\vdash	┢	-	╁	-	⊢	H	
	292	_	_	┢	-	 	╁╴	┢	-	\dashv	
	293		-	T	\vdash		+	\vdash		\vdash	
	294			\vdash	\vdash	H	t^{-}	┢		\dashv	
	295			I^-		T	t	\vdash		\dashv	
	296					Г		\vdash			
	297							П	П		
	298						L				
	299										
:	300										